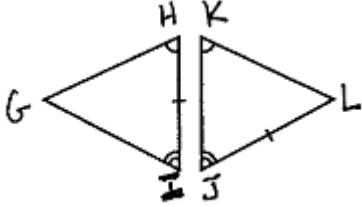


TARGETS 4D & 4E

Name _____ Date _____

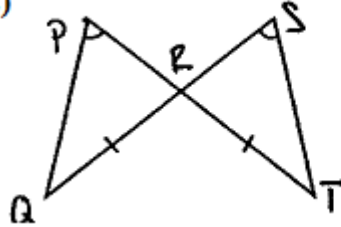
Decide which method you can use to prove the triangles are congruent (SSS, SAS, ASA, AAS, HL or Not congruent). If the triangles are congruent, then complete the congruency statement.

1)



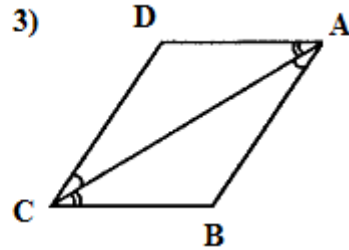
$\triangle HGI \cong \triangle$ _____ by _____

2)



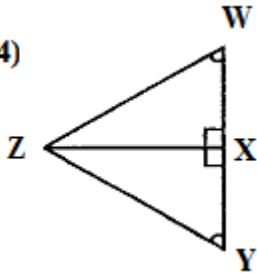
$\triangle PRQ \cong \triangle$ _____ by _____

3)



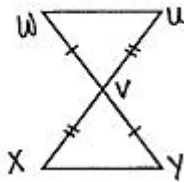
$\triangle ADC \cong \triangle$ _____ by _____

4)



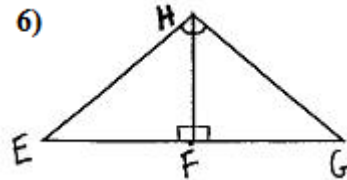
$\triangle WZX \cong \triangle$ _____ by _____

5)



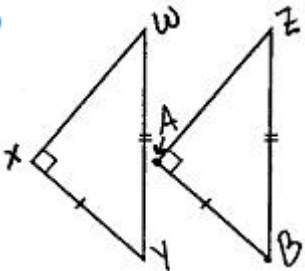
$\triangle WVU \cong \triangle$ _____ by _____

6)



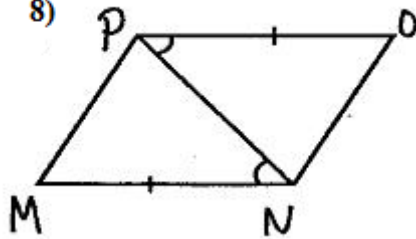
$\triangle HFE \cong \triangle$ _____ by _____

7)



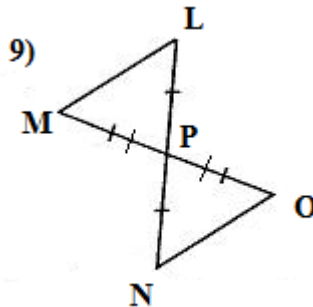
$\triangle WXY \cong \triangle$ _____ by _____

8)



$\triangle PMN \cong \triangle$ _____ by _____

9)



$\triangle LPM \cong \triangle$ _____ by _____

TARGET 4D & 4E ANSWERS

- 1) Not congruent
- 2) SRT by AAS
- 3) CBA by ASA
- 4) YZX by AAS
- 5) YVX by SAS
- 6) HFG by ASA
- 7) ZAB by HL
- 8) NOP by SAS
- 9) NPO by SAS